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(54) LIQUID CRYSTAL CHARGE-TRANSPORTING MATERIAL

(57)Abstract

PROBLEM TO BE SOLVED: To obtain a new electric charge-transporting material which has both merits of the amorphous material of high uniformity over a wide area and of the crystalline material of molecular orientation and shows high grades of electric charge transportation, film-forming property and a variety of durabilities.

SOLUTION: This electric charge-transporting material is crystallizable, particularly smectic and has a reduction potential of -0.3 to -0.6(V vs SEC) to the Standard Comparison Electrode(SCE). In addition, it is smectic and has an oxidation potential of 0.2-1.3 (V vs. SEC).

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